



WEEK ENDING MAY 9, 2014

OPP Weekly Activity Report

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PESTICIDE RE-EVALUATION DIVISION

PRD Final Quality System Audit Report Issued. OPP's Director of Quality Assurance, Denise Rice, completed an audit of PRD's quality systems in March 2014. The purpose of the audit was to determine the division's compliance with Agency quality system policies, standards and guidance. The final report, issued on April 30, 2014, commended the division on its Standard Operating Procedures (SOPs). The SOPs were found to be thorough and covered most of the processes performed within the division. There was one major improvement identified in the area of Good Laboratory Practice compliance use and tracking along with two other minor issues that required a division response. The final report states that the division's corrective action responses to all of the findings were accepted by the QA Director. (Wanda Daughtry, 703-308-8171)

Registration Review GDCIs Issued. PRD issued a Generic Data Call-In (GDCl) for eight registration review chemical cases: Ametryn, fenhexamid, indoxacarb, mesosulfuron-methyl, methoxyfenozide, propazine, simazine, and trifloxysulfuron-sodium during the period of April 25th through April 30th. The GDCIs require the submission of specific data needs identified in the registration review final work plans for these cases. During FY2014, PRD has issued a total of 21 GDCl packages: 19 individual chemical case GDCIs and 2 supplemental-GDCIs (to accommodate added studies for individual cases) for registration review. (Joseph Nevola, 703-308-8037; Meredith Scott, 703-308-0049)

Metofluthrin Registration Review Briefing. On April 24, 2014, at the Program Review, upper management was briefed on the status of the metofluthrin registration review, heading towards a proposed decision. Metofluthrin is registered for use against bedbugs and as a mosquito repellent. The potential for human and environmental exposures is very limited based on the unique use patterns of the metofluthrin products. The proposed interim registration review decision will incorporate EFED's response to comments and HED's incident review and is expected to post to the docket by the end of this quarter. The team is recommending that no changes to the labeling or registrations are needed at this time. (Veronica Dutch, 703-308-8585).

Completion of Tributyltin Oxide Reregistration Case. On April 24, 2014, the label and reviews for the last product containing the active ingredient tributyltin oxide was sent to the Antimicrobial Division for the final phase of product reregistration. The completion of a product reregistration case is a milestone that signals the complete implementation of RED risk mitigation for the case. (Bonnie Adler, 703-308-8523)

OPP Teleconference on Imazalil with Florida Department of Environmental Protection.

On April 24, 2014, EFED and PRD held a teleconference with the Florida Department of Environmental Protection (FDEP) on how their state regulates water discharged from citrus processing plants. The meeting focused on the practice of using unlined storage ponds for managing citrus plant wastewater. EPA learned that FDEP has two non-National Pollutant Discharge Elimination System (NPDES) types of permits covering the land application of wastewater from fresh citrus fruit packing houses. One class of permits authorizes discharges to percolation ponds and the other authorizes discharges to spray fields. Neither permit type authorizes discharges to surface waters in the United States. FDEP informed EPA of monitoring data available in Florida state records and provided the Agency with examples of their permitting language. EPA sought this information from FDEP to better characterize ecological risk uncertainties for imazalil prior to the upcoming publication of the imazalil Final Work Plan in May. Imazalil and imazalil sulfate are imidazole systemic fungicides used for a wide range of applications such as postharvest citrus treatments, equipment sterilization in poultry hatcheries, seed treatments, and greenhouse foggers. (Margaret Hathaway, 703-305-5076)

OPP Provides Regulatory Update at the Degesch Recertification Seminar. On April 24, 2014, PRD provided an overview of OPP's regulatory framework and the registration review process at Degesch America's recertification seminar. Degesch is one of the registrants of aluminum phosphide and magnesium phosphide, which are currently undergoing registration review. The Final Work Plan for these chemicals was signed at the end of March and PRD anticipates issuing the DCI for these chemicals later this spring. (Dana L. Friedman, 703-347-8827)

OPP Meets with Thiophanate Methyl (TM) and Carbendazim (MBC) Taskforce to Discuss Registration Review Data Needs. On May 7, 2014, representatives from AD, EFED, HED, PRD and RD met with taskforce representatives from Troy Corporation (technical registrant for MBC), Nisso (TM), and Gowan (TM) to discuss the data needs identified in the Preliminary Work Plan for TM and MBC. This meeting, requested by the task force, aimed to clarify the specific TM and MBC uses that triggered the registration review data needs. TM is a systemic benzimidazole fungicide registered for use on a variety of agricultural and non-agricultural use sites. MBC is a pesticide active ingredient but is also a metabolite of TM. MBC per se, is registered for use on non-agricultural sites for ornamental tree injection and antimicrobial uses. The Preliminary Work Plan for TM and MBC published for a 60-day comment period on March 27, 2014. For more information, please see the TM and MBC registration review docket (EPA-HQ-OPP-2014-0004). (Rusty Wasem, 703-305-6979)

OPP Attends National Water Monitoring Conference. During the week of April 28, 2014, EFED and PRD attended the 9th National Monitoring Conference held in Cincinnati, Ohio. EFED and PRD worked closely with the conference planning committee to achieve a pesticide-focused session at this biennial conference. EFED presented on the “**Integration of Surface and Groundwater Modeling and Monitoring Data in Pesticide Ecological Risk Assessments.**” The U.S. Geological Survey contributed to the session with a presentation on a tool for assessing complex mixtures of pesticides in streams, and Syngenta presented the use of bias factors to estimate peak concentrations of chemicals in streams from limited monitoring datasets. The conference presented a unique opportunity to network with federal and state colleagues involved in water resource monitoring and management efforts. (Mark Corbin, EFED, 703-605-0033; Tracy Perry, PRD, 703-308-0128)

OPP Holds First Team Meeting for Yellow Mustard Seed and Sulfonic Acid Salts for Registration Review. On May 1, 2014, team members from BEAD, EFED, HED, PRD, and RD met to discuss the background, anticipated data needs, potential issues, and scheduling for registration review. Yellow Mustard Seed and Sulfonic Acid Salts act as a rodenticide for the control of Richardson’s ground squirrels (*Spermophilus richardsonii*) and Wyoming ground squirrels (*S. elegans*) in rangeland, ornamental plantings, orchards, golf courses, parks, nurseries, and non-crop rights-of-way. There is only one end-use product with these two active ingredients. The Preliminary Work Plan and docket are scheduled to open in December 2014. (Shirley Keel, 703-603-0106)

EPA, California Department of Pesticide Regulation (CDPR), Canada’s Pesticide Management Regulatory Authority (PMRA), USDA Offices of Pest Management Policy (OPMP) and USDA Economic Research Service (ERS) Attend Presentation on the Benefits of Neonicotinoid Use in Agriculture. Neonicotinoid technical registrants Bayer (imidacloprid and clothianidin), Syngenta (thiamethoxam), and Valent (clothianidin) requested an opportunity to give relevant regulatory agencies the preliminary findings of the neonicotinoid benefits analysis they have sponsored. The benefits analysis was conducted and presented by the group AgInforomatics. This analysis examined grower perceived value, crop yield impacts of neonicotinoid use, and evaluation of alternatives insecticides. The preliminary findings presented were that the use of the neonicotinoids clothianidin, imidacloprid and thiamethoxam on corn, soybeans, wheat, cotton and sorghum likely provides several billion dollars of benefits to the United States economy. Feedback on the methods and interpretation of preliminary results were also provided by the participants. The AgInforomatics have not completed their analysis, and hope to publish their findings in a peer reviewed journal in the future. (Rusty Wasem, 703-305-6979, clothianidin & imidacloprid; Ricardo Jones, 703-347-0493, thiamethoxam; Steven Snyderman, 703-347-0249, dinotefuran)

OPP Participants in Thiamethoxam Pollen and Nectar Residue Studies Meeting.

On May 5, 2014, at the request of the registrant (Syngenta), members of the OPP registration review team for thiamethoxam along with representatives from Canada's Pesticide Management Regulatory Agency (PMRA) and California's Department of Pesticide Registration (CDPR) met with Syngenta to discuss the pollen and nectar residue studies scheduled with thiamethoxam. Updates on residue study initiation dates and final report dates were provided. Syngenta also discussed elements of required effects studies, and the agencies agreed to provide feedback on the study design elements when the protocols are provided by Syngenta. Syngenta also provided information on additional effects research that it is undertaking (but not required by the agencies) that may help inform future decisions. (Ricardo Jones, 703-347-049)

HEALTH EFFECTS DIVISION

Mosquito Product Label Discussion With AMCA: Staff from several divisions discussed mosquito product labeling issues with representatives from the Lee County Florida Mosquito Abatement District (one of the largest programs in the United States) and also from the American Mosquito Control Association (AMCA). The topics included a process for collaboration between EPA, AMCA, and Lee County (with the potential to include additional districts in the future). Specific label issues discussed included: statements regarding worker protection which users don't consider feasible for mosquito applications; statements regarding spray drift management which are contrary to application goals for mosquito adulticide uses; and carryover of agricultural labeling statements to mosquito uses. AMCA is planning on a use survey related to Endangered Species Act (ESA) issues and were receptive to incorporating questions that would also inform the human health risk assessment process. (Jeff Dawson, 305-7329)

Registration Review Focus Meeting for Pyraflufen-Ethyl: Members of HED, PRD, BEAD, EFED, and RD attended a Registration Review focus meeting with the pyraflufen-ethyl Registrant, Nichino America. Nichino representatives provided a summary of pyraflufen-ethyl use across the United States (mostly for cotton defoliation and weed control in wine and raisin grapes). The Agency participants discussed questions regarding the pyraflufen-ethyl labels and potential inert ingredient issues. HED had no issues of concern to discuss with the Registrant. The HED scoping document will be finalized in May, and the public comment period is June through August 2014. (Kristin Rury, 347-0112; Nancy Dodd; Chris Olinger)

OPP/HED and FDA/CFSAN Discuss Current Monitoring of Infant and Toddler Foods:

EPA representatives met with staff from FDA's Center for Food Safety and Applied Nutrition (CFSAN); the meeting was requested by FDA to discuss working with EPA and its monitoring programs on contaminants in infant/baby food, with a specific

interest toward looking at metals and mycotoxin contaminants in foods labeled for infants and toddlers. FDA also expressed interest in examining rice and oats for these analytes. FDA is aware of the USDA Pesticide Data Program (PDP), and discussed their ability to analyze samples sent to them as well as provide funding to PDP for analysis of contaminants other than pesticides. HED invited them to attend PDP's Federal State Meeting, currently scheduled for June 3 and 4, 2014. Overall, FDA expressed a desire to strengthen the relationship between the three organizations and saw collaborative advantages in greater communication and involvement in the OPP-PDP relationship. (David Hrdy, 305-6990; David Miller)

Interagency review of the draft Toxicological Profile for Toxaphene: The Agency for Toxic Substances and Disease Registry (ATSDR) requested HED review their latest draft "***Toxicological Profile for Toxaphene.***" The document contained extensive information collected from peer-reviewed scientific literature, on the chemical and physical characteristics of toxaphene, the adverse effects on human health, medical case reports, the potential for human exposure, and analytical methods available to detect toxaphene and its metabolites in the environment. After a thorough review, HED scientists provided comments and suggestions. This ATSDR-OPP relationship began several years ago, with HED and ATSDR agreeing that it would be best for OPP to review [ATSDR's Toxicological Profiles](#) for pesticides before they are released to the public. (Khin Oo, 347-0173)

SHEDS Monthly Conference Call with ORD: HED staff held the monthly conference call with staff from EPA/ORD on the Stochastic Human Exposure Dose Simulation (SHEDS) model. HED informed ORD that revised food recipes and consumption (NHANES/WWEIA 2003-2008) could be shared for incorporation into SHEDS. Also, HED provided an update on the status of CARES-NG, another probabilistic model. (Matt Crowley 305-7606; David Miller; David Hrdy; Steve Nako)

ANTIMICROBIALS DIVISION

ORD hosts a Chemical Safety for Sustainability Connectome to provide an overview of CSS research objectives at RTP: On May 5-6, 2014, the Office of Research and Development (ORD) held a stakeholder workshop to showcase their Phase IIa Research Project Plans. The goal of the workshop was to provide stakeholders access to the researchers involved in the Phase IIa work and allow comment on the plans. Topics included Lifecycle/Human Exposure modeling, Ecological Modeling, High-throughput Toxicology, Rapid Exposure and Dosimetry, Sustainable Chemistry, Emerging Materials, Adverse Outcome Pathway Discovery and Development, and Virtual Tissue Modeling. An iDashboard and ToxCast mini workshop was held to show existing tools and goals. A final panel discussion on long term goals was held, with an emphasis on demonstration and evaluation of

the tools shown previously. Keith Sappington (EFED) and Jonathan Leshin (AD) attended for OPP. (**Jonathan Leshin/RASSB, 703-347-0142**)

AD Participates in American Wood Protection Association Annual Meeting. During the week of May 5, 2014, a representative from the Antimicrobials Division's management team attended the American Wood Protection Association's (AWPA) 110th Annual Meeting in Orange County, CA. During the conference, EPA provided regulatory updates relevant to the wood protection industry. Topics included the Pesticide Registration Improvement Act reauthorization, the treated articles exemption, and EPA's ongoing efforts to advance its mission and better serve stakeholders through technological improvements such as SmartLabel, Web-Distributed Labeling, and automated email updates for registration actions. AWP management and members expressed their gratitude to EPA for its participation and ongoing efforts to connect with members of the regulated community. (Lance Wormell, 703-603-0523)Charlieluna18

FIELD & EXTERNAL AFFAIRS DIVISION

Tribes, States in Regions 1 & 2 Discuss EPA RUP Certification Plan and Circuit

Riders. On April 30, the Region 1 Tribal Pesticide Workshop hosted a meeting of 30 tribes and several state representatives from Regions 1 and 2. FEAD and OECA led discussions on tribal and state jurisdiction, specifics about where the EPA Plan applies, and private vs. commercial applicators. Some tribes in the two regions are interested in establishing a pesticide circuit rider, possibly cross-regional. EPA talked about the impetus behind circuit riders, duties of program and enforcement circuit riders, funding, and where tribal pesticide circuit riders are today. Eric Gjevre, a long-time Region 10 circuit rider, presented his perspectives. Circuit riders are strongly supported by the Tribal Pesticide Program Council and SFIREG, and they are a priority in the NPM and FIFRA cooperative agreement guidances. They seek to improve tribal and state communications by providing tribes access to pesticide expertise and resources and informing states about tribal pesticide expertise. (Mary Powell, 305-7384; Nicole Zinn, 308-7076; Carol Galloway, 913-551-5092)

Web Council Meets at Potomac Yard. An agency-wide Web Council meeting was held this week in our 4th floor conference center. The 3-day meeting began with some training opportunities and continued with updates and discussion related to the Web transformation process in which OPP is participating. Discussions included mechanisms for ensuring that projects include appropriate involvement by regional and other program offices. OPP's Claire Gesalman will be participating in a workgroup to help outline processes for facilitating this involvement. The group learned about some new reporting tools that are going to

be added to the content management system in the next release at the end of May, as well as tools such as the geo-platform. This was an excellent opportunity to get input on issues and the latest status and guidance on the transformation project. (Claire Gesalman, 308-3260)

Child-Resistant Packaging Web Pages Added to Pesticide Registration Area. The child-resistant packaging Web content in the pesticide registration Web area has now been transformed to EPA's new format. The Web page Child-Resistant Packaging for Pesticides includes the information that was on the old Web page and offers a simplified and sortable [Guide to CRP for Pesticides](#) table. This table replaces the four tables on the [previous Web page](#). The new table allows pesticide manufacturers to easily look for any of the four types of information: ASTM Type, CRP Manufacturer, Package Type, or CRP Name. The tables with contact information for CRP manufacturers, etc. are also available. (Claire Gesalman, 308-3260; Rosalind Gross, 308-7368)

BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

Methyl Bromide Conference Call with Golf Course Superintendents Association of America On April 25th BEAD and the Office of Air and Radiation participated in a call with GCSAA to discuss their request for a methyl bromide critical use exemption (CUE). GCSAA was told that their request for a CUE was not put forward by the U.S. Government because they had not provided evidence or data to demonstrate that all of the registered alternatives to methyl bromide are not effective. Although GCSAA has stated that alternatives are not effective, to support a CUE, an applicant must, among meeting other criteria, provide evidence or data demonstrating that alternatives do not work. (Bill Chism, 308-8136)

California Dried Plum Board Visits BEAD Methyl Bromide CUE Team. On May 6 the California Dried Plum Board met with the BEAD methyl bromide team, representatives from EPA/OAR, and a representative from USDA/ARS/OPMP. The board members were in DC to visit their legislators and other agencies that impact their industry. The Dried Plum Board acknowledged that since they had not changed their application and were not surprised that they were not included in the U.S. nomination for a critical use of methyl bromide. They want a public statement from EPA clarifying the status of sulfuryl fluoride (i.e., that it will remain available) under the new Farm Bill. In addition, they want EPA to write an emergency rule for methyl bromide. They acknowledged that the current price of methyl bromide makes it very difficult to justify using this fumigant. (Bill Chism, 308-8136; Colwell Cook, 308-8146; Michelle Ranville 347-8666; Jeremy Arling/OAR, 202-343-9055)

Collaboration with CDC to Protect Public Health by Testing Against Two Drug Resistant Bacteria.

Officials from the Centers for Disease Control (CDC) and the Food and Drug Administration requested assistance from EPA regarding the evaluation of two drug-resistant strains of bacteria found to be associated with endoscopes. The laboratory evaluated the efficacy of the high-level disinfectant (MetriCide OPA Plus) used to treat the endoscopes in the clinical setting against two patient isolates supplied by the CDC. The high level disinfectant was found to be efficacious against both organisms. CDC will be notified of the results and next steps will be discussed. (Jason Duncan, 410-305-2619)

Analytical Chemistry Branch Reviews Tarp Permeability Data (B14-33). Pesticide Re-evaluation Division (PRD) requested ACB to conduct a review of the data package submitted by TRM Manufacturing in CA to determine the validity of the permeability data to various fumigants for the new agricultural film Weather-all Power Film HB 125. ACB has completed the review and the report to PRD is being drafted (Yaorong Qian, 410-305-2636)

BEAD Supports Registration Division's Proposed Decision for Enlist Duo™ BEAD completed work on a benefits review to support RD's proposed registration decision of Enlist Duo, an herbicide product consisting of 2,4-D choline and glyphosate. Dow AgroSciences has petitioned the Agency for a registration of Enlist Duo for use in corn and soybean that have been genetically modified to be resistant to 2,4-D and to glyphosate. In support of the registration BEAD developed a document that outlined the benefits and potential issues associated with the use of the new 2,4-D. BEAD also provided for the proposed decision the practices designed to ensure early detection, remediation and reporting on lack of herbicide performance, which could be an early sign of resistance. (Bill Phillips, 308-8099; Derek Berwald 315-853-8370; Bill Chism, 308-8136; Jonathan Becker, 308-9434; Skee Jones, 305-7416)

BEAD Excellence in Government (EIG) Fellow Participates Face-to-Face Session in DC.

BEAD EIG Fellow, Jafrul Hasan, joined the third face-to-face class with other fellows in Washington DC on April 29-May 1, 2014. The focus of this session was "Leading Change". In an effort to lead in times of significant change and uncertainty, the session focused on as to how to understand organization culture, the transformational needs of individuals including how to gain others' support to achieve sustainable goals, systems dynamics including identifying strategies to pursue effective change, and how to deal with resistance to change initiatives. As part of benchmarking efforts, the class toured the World Bank (WB) and the Woodrow Wilson House (WWH) in DC to observe how leaders effectively or ineffectively led and implemented change. At the end of each tour, the class engaged in an in-depth deliberation with the leaders/directors of both WB and WWH. As the fellowship year continues, the next face-to-face meeting in DC will

focus on “Building Partnership” and is scheduled for June 17-19, 2014 (Jafrul Hasan, 410-305-2657)

INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

OPP FOIA Request Status Report – April 28- May 2, 2014							
Requests Received		Requests Closed			Requests Open		
FY14	This week	FY14	FYTD	This Week	FY14	Prior Years	Total
333	12	193	267	10	140	248	388

(Ana Espinoza, 703-347-0102)

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333	12	193	267	10	140	248	388

(Ana Espinoza, 703-347-0102)

New Child Resistant Packaging Website Published. The ITRMD Web Team worked with FEAD to migrate the Child Resistant Webpages into the Drupal WebCMS environment. For more information, please refer to <http://www2.epa.gov/pesticide-registration/child-resistant-packaging-pesticides> (Miriam Organic, 703-605-0583; Les Hoot 828-572-2565)

OPP’s GreenSpark Challenge on OPP@Work. The ITRMD Web Team worked with ShaRon Carlisle (AD) to prepare and publish a new web page on OPP’s GreenSpark Challenge. The program is designed to give the EPA workforce a platform for sharing innovative activities, best practices, insights and ideas. The OPP’s challenge is open May 12 through May 30, 2014. For more information and how to participate, please visit <http://intranet.epa.gov/pesticides/greenspark.html> . (Christine Tran, 703-305-1577)

Updated *Bacillus sphaericus* Factsheet Available. The ITRMD Web Team worked with BPPD to post the updated factsheet for *Bacillus sphaericus* on the Pesticides website. The link to the factsheet is available from the Controlling Mosquitoes at the Larval Stage, <http://www2.epa.gov/mosquitocontrol/controlling-mosquitoes-larval-stage> web page. (Christine Tran, 703-305-1577)

Inert Ingredients Frequent Questions Updated. The ITRMD Web Team worked with RD to publish an updated version of the Inert Ingredients Frequent Questions document, due to a policy change. The updated Frequent Questions document is available at <http://www2.epa.gov/pesticide-registration/inert-ingredients-frequent-questions> . (Christine Tran, 703-305-1577)

Intranet Home Page Update. The ITRMD Web Team incorporated the Image Slider feature to the OPP Intranet home page. The previous version was a picture of the Potomac Yard Building. Now, it has four images consisting of the Potomac Yard Building, Consumers, Mosquitoes, and Pesticide-Registration-Microsite. The user can click on each title and will take them to the appropriate destination. Each image is numbered and it slides onto the next image every couple seconds. The Image Slider feature is now available on the Intranet's home page and can be view at <http://intranet.epa.gov/opp00002/>. (Feroz Daraseng, 703-347-0623)

BIOPESTICIDES & POLLUTION PREVENTION DIVISION

BPPD Meets with the Smithsonian Institution to Discuss Tick Map. On April 24, BPPD's Environmental Stewardship Branch (ESB) met in Suitland, MD with representatives of the Smithsonian Institution to discuss tick surveillance and application of TickMap data to develop effective tick IPM recommendations. TickMap, a product of the Walter Reed Biosystematics Unit based in the Smithsonian Institution, is a geospatially referenced clearinghouse for tick disease vector species data with 80,000 records and 80 species of ticks for distribution models within VectorMap. Climate change and landscape analysis data sets have recently been incorporated into the database. These data sets are the foundation of Vectorsurv, an application providing a valuable resource for assessing disease transmission risk, and for identifying the climatic and phenological factors responsible for temporal changes in abundance. Accurate data and models can aid in better tick IPM prevention techniques. More information on TickMap and VectorMap can be found at www.tickmap.org and www.vectormap.org, respectively. (Candy Brassard 305-6598)

School IPM Highlighted for State Regulators. From April 28 to May 1, EPA's Center of Expertise for School IPM (CoE) participated in the Pesticide Regulatory Education Program (PREP) Structural Pest Control Issues Course, in Orlando FL. The

course was attended by lead agents from 22 states, the District of Columbia, and two US territories who deal with pesticides and pest management licensing and regulations. During the April 30th session on *Regulating Pesticide Use and IPM in Schools*, Brad Miller delivered a well-received presentation on school IPM and the Agency's Center of Expertise. Dea Zimmerman (OPP/FEAD) and Mike Page (Florida Dept. of Ag. and Consumer Services) also provided information on the FY15-17 cooperative agreement guidance and the Washington State School IPM Pilot, respectively. EPA will provide participants with contact information for the EPA Regional School IPM Coordinators and Center of Expertise. (Brad Miller, 214-665-6725)

Center of Expertise for School IPM Participates in Sensible Steps Webinar.

On April 29, EPA's Center of Expertise for School IPM (CoE) participated in a panel a webinar titled *Real Time Assistance to Implement EPA School Environmental Health Programs*. This was the 11th of the Region 10-facilitated series of hour-long webinars focused on topics covered in the EPA's *Sensible Steps to Healthier School Environments* guide. The webinar provided a unique opportunity for panelists to provide a short review of their healthy school-related programs, including school IPM. In addition to the CoE, panelists included the environmental health scientist from Region 5, the Region 6 Schools Coordinator, and representatives from the Indoor Environmental Division at Headquarters. The webinar concluded with a real-time question and answer. Additional information on the webinar series and the *Sensible Steps* guide can be found at <http://yosemite.epa.gov/R10/ecocomm.nsf/childrenshealth/sensible-steps-webinars>. (Marcia Anderson, 214-665-6679)

Center of Expertise for School IPM Presents during SHIELDS Webinar, School IPM Highlighted in Webinar as Key Solution to Healthy Schools.

On April 30, EPA's Center of Expertise for School IPM (CoE) presented during the SHIELDS Master Class webinar titled *Creating Healthy Indoor Environments in Schools: The Knowledge, Network and Actions You Need*. SHIELDS, which stands for School Health and Indoor Environments Leadership Summit, is managed out of the Office of Air and Radiation's Indoor Environment's Division. The presentation was a general overview of school IPM and aligned the CoE with EPA's Indoor Environments Division's Indoor Air Quality/Tools for Schools Program. IPM was highlighted as a key solution for improved indoor air quality. The Master Class is a program stemming from SHIELDS that works with schools and other targeted collaborators to implement Indoor Air Quality solutions for healthier schools. IPM is considered to be a key solution leading to reducing the number of pests, reducing pesticide exposure and saving money while protecting human health. The webinar engaged over 75 participants, including school district and school environmental health leaders. Additional information on the Tools for Schools program can be found at <http://www.epa.gov/iaq/schools/index.html>. (Sherry Glick, 214-665-6713)

ENVIRONMENTAL FATE & EFFECTS DIVISION

Conference Call with International Commission on Plant-Pollinator Relationships.

On April 30, EFED staff participated in a conference call with the International Commission on Plant-Pollinator Relationships (ICPPR). The ICPPR promotes and coordinates research on the relationship between plants and bees of all types. Over the past several years, the ICPPR has been coordinating with the Organization for Economic Cooperation and Development (OECD) to develop standardized laboratory and field-based studies for evaluating the effects of pesticides on bees. During the conference call, participants provided updates on efforts to develop laboratory-based chronic toxicity studies using adult and larval honey bees as well as semi-field tests using whole honey bee colonies. The call also provided an opportunity to discuss efforts to establish standardized protocols for honey bee colony monitoring studies and to advance simulation modeling using the BEEHAVE model. (Tom Steeger, 703-305-5444).

EFED Scientists Join International Experts to Discuss Systems Models in Risk

Assessment. On April 28-30, Andrew Kanarek and Catherine Aubee participated in an investigative workshop on Predictive Systems Models in Ecological Risk Assessment at the National Institute for Mathematical and Biological Synthesis (NIMBioS), University of Tennessee. Expert theoretical ecologists, research scientists, and other stakeholders discussed the state-of-the-science in ecological modeling, as they aim to develop tools which are useful in regulatory risk assessment. Individual-based models, matrix population models, adverse outcome pathways, and dynamic energy budget approaches were explored. A key near-term proposal was to identify a suite of suitable model types and structures that could be adapted as necessary, rather than attempting to develop more highly complex models with narrower applicability. A follow-up session has been proposed for SETAC North America in Vancouver in November 2014. (Catherine Aubee, 703-347-8029).

USFS Seminar on Wetlands in the U.S. Prairie Pothole Regions. The EFED Aquatic Biology Technical Team has periodically discussed the extent to which “prairie potholes” may be considered habitat for the purposes of ecological risk assessment. On May 8, Catherine Aubee participated in a webinar by Tom Dahl on “Status and Trends of Wetlands in the US Prairie Pothole Region 1997-2009.” The report from US Fish and Wildlife Service (FWS) and US EPA evaluated changes in the areal extent of wetlands over time, but did not explore wetland quality or condition. Temporary emergent wetlands in the region were the most vulnerable to loss. Overall, there was a general decrease in smaller, drier wetlands but an increase in larger, wetter areas. All net losses were attributed to agriculture and often coincided with the introduction of tile drainage. Wetland loss was only occasionally attributed to housing development via wetland filling. With respect

to ecological connectivity and habitat, Mr. Dahl highlighted the value of interactions between grasslands, wetlands, and migratory waterfowl. The webinar was hosted by US EPA Office of Water and Regional Wetlands Managers. (Catherine Aubee, 703-347-8029)

REGISTRATION DIVISION

Diflubenzuron Section 18 Notice of Receipt On April 30, 2014, the Federal Register published a notice announcing the receipt of an application from the Wyoming Department of Agriculture requesting a Section 18 emergency exemption for the use of diflubenzuron on up to 26,000 acres of alfalfa to control grasshoppers and Mormon crickets. The notice published in accordance with 40 CFR 166.24(a)(7) since the applicant proposes an IR (Interregional Research Project)-4 supported use which has been requested in 5 or more previous years, and a petition for tolerance has not yet been submitted to the Agency. The comment period ends on May 15, 2014. (Andrea Conrath, 703/308-9356)

Pesticide Labeling Round-table at the American Mosquito Control Association Conference On May 7 2014, Registration Division staff and managers (Marietta Echeverria, Susan Jennings, Meredith Laws, and Kevin Sweeney) participated in a Pesticide Labeling Round-table at the American Mosquito Association (AMCA) conference. During the session, Marietta presented an overview of the EPA pesticide labeling review and approval process; Karen Larson (Clarke Mosquito Control Products, Inc.) presented the registrant labeling amendment process, and Katie Heggemeier (Lee County Florida Mosquito Control District) presented examples of labeling language challenges impacting mosquito control applicators. RD representatives emphasized the benefits of separate labels for mosquito control uses and agricultural uses in order to prevent agricultural-specific requirements from impeding mosquito control activities as described in Pesticide Registration Notice (PRN) 2005-1. Additional discussion topics included the interpretation of ambiguous language, and the importance of collaboration between the mosquito control districts, the EPA, and industry to address inappropriate label language. (Marietta Echeverria, 703/305-8578)

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Propiconazole	Irvita Plant Protection N.V.	74054-3	R351	5/20/2014	5/2/2014
Shaunta Hill, 703/347-8961					
Flutolanil	Nichino America, Inc.	71711-28	R350	5/10/2014	5/7/2014
Erin Malone, 703/437-0253					
Furfural	Agriguard Company, LLC	75753-2	R272	5/12/2014	5/7/2014
Hope Johnson, 703/347-8072					
The Herbicide Branch granted:					
Potassium laurate	W. Neudorff GMBH	67702-12	R340	5/19/2014	4/29/2014
Bethany Benbow, 703/347-8072					
Dicamba	NuFarm Limited	35935-38	R351	5/5/2014	4/29/2014
Dianne Morgan, 703/305-6217					
Fenoxaprop-p-ethyl	Bayer CropScience	264-666	R170	4/30/2014	4/30/2014
Rowland Grant, 703/347-0254					
Acetochlor	E. I. DuPont de Nemours and Company	352-893 352-894 352-895	R300	6/9/2014	5/8/2014
Maggie Rudick, 703/347-0257					
The Insecticide Branch granted:					
Polybor	Genics Inc.	71653-2 71653-4 71653-8	R351	7/30/2014	4/25/2014
Cypermethrin	Direct AG Source, LLC	83222-7	R340	5/30/2014	5/6/2014
Driss Benmhend , 703/308-9525					
The Insecticide-Rodenticide Branch granted:					
Chlorpyrifos	Makhteshim Agan of North America, Inc.	66222-259	R301	5/9/2014	4/28/2014
Julie Chao, 703/308-8735					
Imidacloprid	Loveland Products, Inc.	34704-1090	R300	8/8/2014	4/30/2014
Jennifer Urbanski, 703/347-0156					
Naphthalene	Recochem Inc.	43841-1	R351	6/16/2014	5/5/2014
Gene Benbow, 703/347-0235					
Eamectin benzoate	Rotam AgroChemical	83100-35	R310	5/12/2014	5/7/2014
Thomas Harris, 703/308-9423					
PRIA Categories					
R170 – Additional food use ^{(2) (4)} ; R272 – applicant-initiated; excludes DART, pre-registration conferences, Rapid Response review, DNT protocol review, protocols needing HSRB review; R300 – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackage of registered end-use or manufacturing-use product that requires no data submission or data matrix ^{(2) (3)} ; R301 – New product; or similar combination product (already registered) to an identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy, where applicant does not own all required data and does not have a specific authorization letter from data owner ^{(2) (3)} ; R310 – New end-use or manufacturing-use product with registered source(s) of active ingredient(s); includes products containing two or more registered active ingredients previously combined in other registered products; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging ^{(2) (3)} ; R340 – Amendment requiring data review within RD (e.g., changes to precautionary label statements) ^{(2) (3)} ; R350 – Amend-ment requiring data review in science divisions (e.g., changes to REI, or PPE, or PHI, or use rate, or number of applications; or add aerial application; or modify GW/SW advisory statement) ^{(2) (3)} ; and R351 – Amendment adding a new unregistered source of active ingredient ^{(2) (3)} .					

Registration Actions Granted Under FIFRA Section 18 Emergency Exemptions					
State/Federal Agency	Chemical Emergency Exemption Number	Product Name EPA Reg/ File Symbol	Crop/Site	Pest	Authorization Date
Quarantine Exemption(s):					
Ohio	Potassium Salt of Hop Beta Acids 14-OH-02	HopGuard II® (Unregistered)	Beehives	Varroa Mites	4-24-2014
Mississippi	Potassium Salt of Hop Beta Acids 14-MS-02	HopGuard II® (Unregistered)	Beehives	Varroa Mites	4-29-2014
Stacey Groce, 703/305-2505					
Louisiana	Sulfoxaflor 14-LA-03	Transform WG (62719-625)	Sorghum	Sugarcane Aphid	4-30-2014
Oklahoma	Sulfoxaflor 14-OK-03	Transform WG (62719-625)	Sorghum	Sugarcane Aphid	4-30-2014
Keri Grinstead, 703/308-8373					
Delaware	Dinotefuran 14-DE-03 14-DE-04	Venom Insecticide (9639-135) Scorpion 35SL (10163-317)	Pome Fruits Stone Fruits	Brown Marmorated Stinkbug	4-29-2014
Maryland	Dinotefuran 14-MD-06 14-MD-07	Venom Insecticide (59639-135) Scorpion 35SL (10163-317)	Pome Fruits Stone Fruits	Brown Marmorated Stinkbug	4-29-2014
Michigan	Dinotefuran 14-MI-03 14-MI-04	Venom Insecticide (59639-135) Scorpion 35SL (10163-317)	Pome Fruits Stone Fruits	Brown Marmorated Stinkbug	4-29-2014
Virginia	Dinotefuran 14-VA-01 14-VA-02	Venom Insecticide (59639-135) Scorpion 35SL (10163-317)	Pome Fruits Stone Fruits	Brown Marmorated Stinkbug	4-29-2014
West Virginia	Dinotefuran 14-WV-01 14-WV-02	Venom Insecticide (59639-135) Scorpion 35SL (10163-317)	Pome Fruits Stone Fruits	Brown Marmorated Stinkbug	4-29-2014
Andrea Conrath, 703/308-9356					